## [OVERLAPPING SHAPE DESIGN RULE ER-ROR PREVENTION]

## **Abstract**

A method, system and program product are disclosed that create new shapes at detected shape overlaps and includes those new shapes during routing and net checking when the new shapes require a larger space than any of the overlapping shapes. The invention thus detects and prevents spacing errors without the expense of time consuming design rule checking (DRC), facilitating early detection and prevention of errors.